

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L16	5	725/31,136.ccls.and I6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:51
L15	0	725/31,136.ccls.and I2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:51
L13	1091	725/31,136.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:50
L14	31	370/352,356.ccls. and I2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:48
L12	5123	370/352,356.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:48
L4	10998	709/230,231,232,236,237,238,245,246,247.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:46
L11	12	(function near4 call same (transceiver)) same (access near3 point (AP))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:43
L10	627	(function near4 call same (transceiver))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:43
L9	8	Blntu	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:42
L8	7	L6 and (function near4 call same (transceiver))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:42

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L6	1530	encod\$5 same transport same layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:40
L2	347	(UDP (user near3 datagram near4 protocol)) and: (broadband near5 network) and (transport near7 layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:39
L5	28	709/230,231,232,236,237,238,245,246,247.ccls. and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:35
L3	1	10/251910	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 09:32
S20	68	(UDP) near5 (Codec)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/07/25 08:14
S24	17	"709"/\$ ccls. and (frame adj header) near5 (application)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:59
S17	58	(frame adj header) near5 (application)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 09:58
S23	1	09/864138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 08:17
S22	0	2002/0178068 and 09/864138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 08:17
S5	2	"6674713".pn	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/01 08:16
S12	14	(OSI adj model) same (liason abstraction) near4 (layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 16:30

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S21	0	(frame near5 header) near5 (application) same applet same codec	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 15:44
S16	174	(frame near5 header) near5 (application)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 15:44
S19	33734	(back near3 channel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:10
S18	1	09/994583	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 14:10
S15	2	(push\$5) near5(frame near5 header) near5 (application)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:49
S14	2	(frame near5 header) near5(push\$5) near5 (application)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:43
S13	12	(frame near5 header) near5(application) near3 (layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:42
S7	5	(frame near5 header) near3(information) near4 (application) near3 (layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:41
S11	4	(application) near4(frame near5 header) same (UDP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:29
S10	2	(application) near4(frame near5 header) near4 (UDP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:23
S9	1	(frame near5 header) near3(application) near4 (UDP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:22

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S8	2	(frame near5 header) near3(application) near3(layer) same (UDP)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:21
S6	10	(frame near5 header) near3(application) near3(layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:20
S3	4	(generat\$5 creat\$5 prepar\$5) near5 (frame near5 header) near5(application) near3(layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 13:06
S4	0	"6674713.pn."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/31 12:59


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1 The transport layer: tutorial and survey



Sami Iren, Paul D. Amer, Phillip T. Conrad

December 1999 **ACM Computing Surveys (CSUR)**, Volume 31 Issue 4

Publisher: ACM Press

Full text available: pdf(261.78 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citings](#), [index terms](#)

Transport layer protocols provide for end-to-end communication between two or more hosts. This paper presents a tutorial on transport layer concepts and terminology, and a survey of transport layer services and protocols. The transport layer protocol TCP is used as a reference point, and compared and contrasted with nineteen other protocols designed over the past two decades. The service and protocol features of twelve of the most important protocols are summarized in both text and tables.< ...

Keywords: TCP/IP networks, congestion control, flow control, transport protocol, transport service

2 The Tenet real-time protocol suite: design, implementation, and experiences

Anindo Banerjea, Domenico Ferrari, Bruce A. Mah, Mark Moran, Dinesh C. Verma, Hui Zhang
February 1996 **IEEE/ACM Transactions on Networking (TON)**, Volume 4 Issue 1

Publisher: IEEE Press

Full text available: pdf(1.34 MB)

Additional Information: full citation, references, citings, index terms

3 Broadband application transport service and management

Zhenjun Zhu, Gerald Winters, Patrick Martin, Hussein T. Mouftah

November 1996 **Proceedings of the 1996 conference of the Centre for Advanced Studies on Collaborative research**

Publisher: IBM Press

Full text available: pdf(227.31 KB)

Additional Information: full citation, abstract, references, index terms

Multimedia applications using broadband networking technologies (for example, Asynchronous Transfer Mode) often require services not provided by standard transport layer middleware, such as TCP or TP4. A broadband transport service must provide support for QoS (quality of service) control, multiparty control, synchronization, packet sequence reconstruction, and direct data-link access. Management of a broadband

transport service also plays an important role. For example, management information c ...

4 Low-level multimedia synchronization algorithms on broadband networks



Miguel Correia, Paulo Pinto

January 1995 **Proceedings of the third ACM international conference on Multimedia**

Publisher: ACM Press

Full text available:  [html\(59.69 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

Keywords: broadband networks, distributed multimedia systems, low-level synchronization

5 Session 6: networks (WAN/LAN): Distributed network computing over local ATM networks



Mengjou Lin, Jenwei Hsieh, David H. C. Du, Joseph P. Thomas, James A. MacDonald

November 1994 **Proceedings of the 1994 ACM/IEEE conference on Supercomputing**

Publisher: ACM Press

Full text available:  [pdf\(936.95 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)

Communication between processors has long been the bottleneck of distributed network computing. However, recent progress in switch-based high-speed Local Area Networks (LANs) may be changing this situation. Asynchronous Transfer Mode (ATM) is one of the most widely-accepted and emerging high-speed network standards which can potentially satisfy the communication needs of distributed network computing. In this paper, we investigate distributed network computing over local ATM networks. We first s ...

Keywords: application programming interface, asynchronous transfer mode (ATM), distributed network computing, performance measurement


6 Notable computer networks



John S. Quarterman, Josiah C. Hoskins

October 1986 **Communications of the ACM**, Volume 29 Issue 10

Publisher: ACM Press

Full text available:  [pdf\(4.66 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Computer networks are becoming more numerous and more diverse. Collectively, they constitute a worldwide metanetwork.

7 Taming Xunet III



Nikos G. Aneroussis, Aurel A. Lazar, Dimitrios E. Pendarakis

July 1995 **ACM SIGCOMM Computer Communication Review**, Volume 25 Issue 3

Publisher: ACM Press

Full text available:  [pdf\(1.77 MB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

An architecture for network management and control for emerging wide-area ATM networks is presented. The architecture was implemented on XUNET III, a nationwide ATM network deployed by AT&T. The Xunet network management system is based on the OSI standards and includes configuration, fault and performance management. An OSI agent resides at every switching node. Its capabilities include monitoring of cell level quality of service in real time and estimation of the schedulable region. The ...


8 A reliable and scalable striping protocol
 Hari Adishesu, Guru Parulkar, George Varghese

August 1996 **ACM SIGCOMM Computer Communication Review , Conference proceedings on Applications, technologies, architectures, and protocols for computer communications SIGCOMM '96**, Volume 26 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(187.15 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Link striping algorithms are often used to overcome transmission bottlenecks in computer networks. Traditional striping algorithms suffer from two major disadvantages. They provide inadequate load sharing in the presence of variable length packets, and may result in non-FIFO delivery of data. We describe a new family of link striping algorithms that solves both problems. Our scheme applies to any layer that can provide multiple FIFO channels. We deal with variable sized packets ...

9 Summary of the 4th International Workshop on Network and Operating System
 Support for Digital Audio and Video (NOSSDAV'93)

G. S. Blair, A. Campbell, G. Coulson, N. Davies, F. Garcia, D. Shepherd

April 1994 **ACM SIGOPS Operating Systems Review**, Volume 28 Issue 2

Publisher: ACM Press

Full text available:  [pdf\(1.11 MB\)](#) Additional Information: [full citation](#), [index terms](#)

10 Summary of the 4th international workshop on Network and Operating System
 Support for Digital Audio and Video (NOSSDAV'93)

G. S. Blair, A. Campbell, G. Coulson, N. Davies, F. Garcia, D. Shepherd

January 1994 **ACM SIGCOMM Computer Communication Review**, Volume 24 Issue 1

Publisher: ACM Press

Full text available:  [pdf\(1.05 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)


This paper presents a summary of the fourth International Workshop on Network and Operating System Support for Digital Audio and Video held at Lancaster. The contents of each session (including panel and work in progress sessions) are described and major areas of controversy are highlighted. A complete bibliography of all papers presented is included.

11 Scalable parallel simulations of wireless networks with WiPPET: modeling of radio propagation, mobility and protocols

O. E. Kelly, J. Lai, N. B. Mandayam, A. T. Ogielski, J. Panchal, R. D. Yates

September 2000 **Mobile Networks and Applications**, Volume 5 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  [pdf\(175.62 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)


We review the design, selected applications and performance of WiPPET & lpar; Wireless Propagation and Protocol Evaluation Testbed);, a general parallel simulation testbed for various types of wireless networks. WiPPET has been written in TeD/C++;, an object‐oriented modeling framework that isolates network modeling from the underlying parallel discrete event simulator. We describe the techniques for modeling radio propagation & lpar; long and short‐scale fading and ...

12 Summary of the Second International Workshop on Network and Operating System
 Support for Digital Audio and Video

Ralf Guido Herrtwich

April 1992 **ACM SIGOPS Operating Systems Review**, Volume 26 Issue 2




Publisher: ACM Press

Full text available:  pdf(2.58 MB) Additional Information: [full citation](#), [index terms](#)

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IEEE STD IEEE Standard

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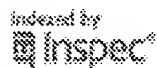
IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

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